Monthly Divisional Report

New Jersey State Highway Department

January 1961

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Form #AD-39

Reports - Monthly 2/15

MONTHLY DIVISIONAL REPORT Month of January 1961

Division: Accounting and Administrative Services
Bureau: Administration

CONTRACTS

Bids received on three (3) projects and necessary reports and certificates of award prepared. Four (4) contracts awarded; contracts prepared and forwarded for execution. Execution of five (5) contracts completed. Three (3) projects advertised for bids. One hundred fifty-three (153) sets of plans and supplementary specifications distributed.

SCHEDULES OF APPROVALS

Four (4) Schedules prepared listing a total of two hundred seventy-six (276) items; which by a combination of items where possible represents action on three hundred thirty-eight (338) individual items. Official copies of Schedules signed by the Commissioner, placed in Minute Book and indexed. Schedules of Approvals distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL

5 Standard Specifications issued
2 Deposits made for transmittal of income
6 Traffic Regulations certified to Division of Motor Vehicles
95 Property Agreements attested and processed
9 Agreements attested and processed
96 Municipal Aid contracts, applications, agreements, transfers, etc. certified
11 General Releases executed
2 Deed of Conveyances acknowledged and processed
1 Lease Agreement executed
11 Snow Removal Equipment Rental Agreements (1960-61) executed
2 Snow Removal Agreements (1960-61) executed
1 Utility Order attested and processed
5 Highway Lighting Agreements executed
3 Equipment Rental Agreements executed

General correspondence, filing and answering telephone inquiries.

Receiving and reading bids at two lettings.

Kenneth D. Rice
Secretary

SECT. 2.08

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MONTHLY DIVISIONAL REPORT Month of JANUARY 1961

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

THERE HAS BEEN AN UNUSUAL AMOUNT OF CALLS FOR REPAIRS OF OFFICE MACHINES DURING THE PAST MONTH. SOME OF THESE MACHINES WERE DAMAGED DUE TO THEM BEING ACCIDENTLY PUSHED OFF OF THE TABLES. THIS TYPE OF REPAIR, I WOULD LIKE TO BRING TO YOUR ATTENTION, IS VERY EXPENSIVE AS THE BARS AND FRAMES ARE GENERALLY BENT. I AM NOW IN THE PROCESS OF ISSUING A LETTER WARNING EMPLOYEES TO HAVE THEIR MACHINES (ESPECIALLY TYPEWRITERS) BOLTED TO THE DESK OR TABLE.

THE DETAIL WORK HAS INCREASED SHARPLY IN THIS OFFICE DUE TO THE FACT THAT MOST DIVISION AND BUREAU HEADS AND EMPLOYEES ARE REALIZING THAT WHEN REPAIRS ARE NEEDED OF OFFICE FURNITURE OR MACHINES, ESPECIALLY OUT IN OUR FIELD OFFICES, THIS BUREAU IS RESPONSIBLE FOR TAKING CARE OF THESE MATTERS. IT HAS EXPANDED OUR SCOPE OF OPERATION THROUGHOUT THE STATE.

I WISH TO REPORT THE USE OF THE ASSEMBLY ROOM IN THE BASEMENT HAS EXCEEDED OUR EXPECTATIONS. AS THIS ROOM IS INVARIABLY RESERVED THREE TO FIVE TIMES A WEEK FOR MEETINGS WITH ATTENDANCE FROM TWENTY TO SIXTY PEOPLE.

IT WAS NECESSARY TO TRANSPORT FURNITURE AND OTHER EQUIPMENT FOR A MEETING IN OUR NEWARK OFFICE BUILDING AT WHICH APPROXIMATELY SIXTY PEOPLE ATTENDED. THIS MEETING WAS HELD FOR SNOW EMERGENCY WORK.

WE HAVE BEEN BUSY ENGAGED IN COMMUNICATIONS WITH TELEPHONE SERVICE DURING SNOW EMERGENCY WORK. ALTHOUGH BEING WITHOUT ONE RELIEF TLEPHONE OPERATOR, THE EMPLOYEES IN THE TELEPHONE ROOM HAVE BEEN VERY COOPERATIVE AND WE HAVE MANAGED TO CARRY ON AND KEEP THE BOARD OPEN WHEN NECESSARY.

FILES & RECORDS

WE HAVE CLEARED OUT THE FILES IN THE OFFICES OF THE STATE HIGHWAY ENGINEER; ASSISTANT STATE HIGHWAY ENGINEER AND THE DIRECTOR AND CHIEF ROAD ENGINEER. THIS MATERIAL HAS BEEN INTERFILED WITH OTHER MATERIALS IN THE CENTRAL FILES; COPIES HAVE BEEN DISPOSED OF. SPACE WAS THUS PROVIDED IN THESE OFFICES FOR THE CURENT YEARS WORK. THIS PROGRAM HAS WORKED OUT VERY SATISFACTORILY FOR ALL CONCERNED IN THESE VARIOUS OFFICES WHERE OUR PERSONNEL HAVE THE FULL AND COMPLETE CHARGE OF ALL FILING OPERATIONS.

WITHIN A COUPLE OF YEARS THE EFFECTS OF OPERATING PROCEDURE AD-28 ON CORRESPONDENCE WILL BE NOTED WHEN FILES ARE COMBINED FOR THEN WE SHALL BE ABLE TO DESTROY ALL COPIES ON

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MONTHLY DIVISIONAL REPORT

Month of JANUARY 1961

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

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FILES & RECORDS

WE HAVE CLEARED OUT THE FILES IN THE OFFICES OF THE STATE Highway Engineer; Assistant State Highway Engineer and the Director and Chief Road Engineer. This material has been interfiled with other materials in the Central Files; copies have been disposed of. Space was thus provided in these offices for the current years work. This program has worked out very satisfactorily for all concerned in these various offices where our personnel have the full and complete charge of all filing operations.

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MONTHLY DIVISIONAL REPORT Month of JANUARY 1961

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES
Bureau: OFFICE SERVICES

FILES & RECORDS (CONTINUED)

"COPY FOR" PAPER KNOWING THAT THE YELLOW "OFFICIAL FILE COPY" WILL BE RETAINED AS LONG AS OUR RETENTION SCHEDULES REQUIRE. THIS CAN BE DONE WITH FAR GREATER EASE AND IN MUCH LESS TIME THAN NOW REQUIRED IN THE COMPARISON OF COPIES.

CURRENT DISPOSAL SCHEDULES FOR SEVERAL DIVISIONS AND BUREAUS HAVE BEEN PREPARED AND SENT TO THE STATE RECORDS COMMITTEE FOR APPROVAL. ACTION TO CLEAR THE FILES OF APPROVED MATERIAL WILL BE CARRIED ON THROUGHOUT THE NEXT SEVERAL MONTHS AS HELP IS AVAILABLE.

MAILING SECTION

JANUARY WAS A VERY BUSY MONTH FOR US. WE SELDOM HAVE ANY FREE TIME AS WE ARE BUSY MAKING BOOKLETS FOR VARIOUS BUREAUS.

IN ADDITION TO OUR REGULAR SCHEDULE OF PICKING UP AND DELIVERING MAIL, WE COLLATED 5,000 BOOKLETS FOR THE BUREAU OF PUBLIC RELATIONS; THE COVERS OF WHICH WERE FOLDED MANUALLY. WE ALSO MADE 1,000 BOOKLETS FOR THE BLOOD DONOR COMMITTEE.

DUE TO THE INCLEMENT WEATHER, WE HAD THOUSANDS OF INCOMING LETTERS TO OPEN AND SEPARATE FOR THE BUREAU FO MAINTENANCE.

OUR NEW EMPLOYEE, ALVIN DRIVER, HAS BEEN OUT TO ILLNESS AND WILL BE OUT INDEFINETLY, NECESSITATING A CALL FOR HELP FROM OTHER EMPLOYEES IN THE BUREAU OF OFFICE SERVICES.

DUPLICATING SECTION

THE REPRODUCTION OF FORMS, BROCHURES, PROGRAMS, SPECIFICATIONS, ETC., HAS BEEN PROCEEDING AT A STEADY PACE.

SEVERAL RUSH ASSIGNMENTS HAVE BEEN COMPLETED WITHIN THE WANTED DEADLINE.

SEVERAL OBSOLETE FORMS HAVE BEEN WEEDED OUT AND DISCARDED. A NUMBER OF NEW AND REVISED FORMS HAVE BEEN DESIGNED AND PRINTED.

Form 4AD-39

MONTHLY DIVISIONAL REPORT

Month of JANUARY, 19 61

Division: Accounting and Administrative Services

Bureau: Purchase and Stores

The activities in the Bureau of Purchase and Stores during the month of January, 1961, were of a routine nature, having received Order Requests from the various Bureaus, prepared Detailed Applications covering the same and forwarding them to the Division of Purchase and Property. These applications covered considerable amounts of material and equipment to be procured for the Highway Department.

Arranged for extension of contracts for full 100% of original quantities of abrasives and chlorides for use of the Maintenance Bureau in their snow removal and ice control operations.

Processed applications and specifications for the procurement of white line traffic paint and glass beads for the coming painting season.

Check in the amount of $712.80 to cover the sale of 405 drums - empty 55-gallon - at $1.76 each from the American Cooperage and Steel Drum Company, Baltimore, Maryland, was forwarded to Mr. Cyrus Gard, Comptroller, under date of January 23, 1961, which terminates the present arrangement for the pickup of these drums.

Approximately 20 salesmen representing numerous manufacturers and distributors were interviewed during the month and there were approximately 10 meetings having to do with various departmental matters.

Supervisor, Purchase and Stores

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MONTHLY DIVISIONAL REPORT Month of January 19 61

Division: Bridge

Bureau: Bridges Under Construction Sheet #1 of 2

ROUTE	SECTION		% OF COMPLETION
10	4B&5A	Canoe Brook Bridge & Ret.Wall, Essex County	32
21	1C	14 Structures, Essex-Passaic Counties	83
US22 4 US46	13A-14A 2A 15A	4 Pedestrian Overpasses and two stairs, Union and Bergen Counties	98
28	1A&7A	LVRR Bridge at Westfield Ave., Union County	27
28	3A&4A	Bridges over Green Brook & Bound Brook, Somerset-Middlesex Co.	15
US30	14A	2 Pedestrian Overpasses at 16th St. & Rodman Ave., Camden County	100
35	2A	Whale Creek Culvert, Ocean County	99
35	6A&4A	Culvert at Station 489+08, Monmouth County	98
US40	2A	Game Creek Bridge, Salem County	7
54	1A,2A,3A	Culvert at Deep Run, Sta. 616+88, Atlantic County	0
78	2F	2 Overpasses at CRR & LVRR, Hunterdon County	99
80	2E	10 Bridges, Morris County	96
80	2J	4 Structures, Morris County	22
80	5G	Hackensack River Bridge, Substructure, Bergen County	0
82	1A	LVRR Bridge at Morris Avenue, Union County	96
95	1D	2 O.P. at Broad Ave. & Grand Ave. & Culvert, Bergen Co.	49
95	1E	U.P. at Edgewood Road, Bergen County	0
95	1G	7 Structures, Bergen County	0
129 &29	1A&15A	8 Structures, Delaware River to Scotch Road, Mercer Co.	96
US130	7A&8B	3 Bridges, Camden-Burlington Counties	88
US130	7B&10B	2 Culvert Ext. at Coppick Brook & Tanners Run, Camden & Burlington Counties	0
169	1	3 Bridges, Point Breeze to Constable Hook, Hudson Co.	95

MONTHLY DIVISIONAL REPORT — Month of January 1961

Division: Bridge

Bureau: Bridges Under Construction — Sheet #2 of 2

ROUTE	SECTION		% OF COMPLETION
202	8A	Six Bridges, Hunterdon & Somerset Counties	39
208	2A,1A,3B	4 Underpasses, 1 Culvert, Bergen & Passaic Counties	99.5
208	2C	Overpass at NYS&WRR, Bergen County	0
287	1B	9 Bridges, Somerset County	96
287	1C&2B	7 Bridges, Somerset & Middlesex Counties	99
287	2C	6 Structures, Middlesex County	14
295	1C	9 Structures, Camden & Gloucester Counties	94
295	1D	4 Structures, Camden & Gloucester Counties	98.2
US322	3A	3 Bridges, Atlantic County	48
Redecking 4 Bridges:			
36	3A	Shrewsbury River Bridge, Monmouth Co. — 100	
47	8A&9A	Manantico Creek Bridge, Cumberland Co. — 1	
49	3A&4A	Alloways Creek Bridge, Salem County — 99	
130	1A&6A	Big Timber Creek Bridge, Camden-GloucesterCo. — 100	86
Cape May County		Roosevelt Blvd. Bridge over Crook Horn Thorofare	9
Hudson County		Palisades Ave. Bridge over Ravine Road	36

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MONTHLY DIVISIONAL REPORT Month of January 1961

Division: Bridge

Bureau: Design Section

PROCESSING PLANS AND SPECIFICATIONS

ROUTE	SECTION	
US1		Underpass at Woodbridge Avenue
US1,9,46	1C	Pedestrian Overpass at Washington Terrace
3		Hackensack River Bridge (Redecking)
3	2	Hackensack River Bridge (Proposed) - Hardesty & Hanover
4	4	Pedestrian Bridge at Grand Avenue
13	1	Lovelandtown Bridge Extension
18		S.B. Bridge over Raritan River Railroad
22 WB		Pedestrian O.P. (Vicinity of Phillipsburg High School)
23		Bridge over Mill Brook
27		Culverts at Stations 499+76 & 446+19
27		Culvert at Station 295+06.50
34		Howard Boulevard & DL&WRR Bridge
50		Cedar Swamp Creek Bridge
78	2G	Six Bridges - Parsons, Brinckerhoff, Quade & Douglas
78	3	24 Bridges, Annandale to Pluckemin - Parsons, Brinckerhoff, etc.
78	4	18 Bridges, Pluckemin to Berkeley Hgts. - Deleuw, Cather & Brill
80	4	Bergen-Passaic Expressway, Bridges - Fay, Spofford & Thorndike
80	5	Bergen-Passaic Expressway, Bridges - Parsons, Brinckerhoff, etc.
80-23		Interchange, 17 Structures - Fay, Spofford & Thorndike
95-80		Interchange, 6 Structures, - Parsons, Brinckerhoff, Quade&Douglas
US130		Underpass at Federal Street
US130		Rt. 206NB over US130SB and Rt. 206SB over US130NB
168		Culvert at Station 112+50, Black Horse Pike
208		Marlot Avenue Grade Separation
208	2B	Six Structures - Goodkind & O'Dea
287	3B	5 Structures, East of New Durham Road - Madigan-Hyland
287	3C	4 Structures, Whitman Ave. to Rt. US1 - Madigan-Hyland
287	12A&13A	5 Structures, Intervale Road to Vreeland Ave. - Goodkind & O'Dea
287	4A	6 Structures - Madigan-Hyland
287		20 Structures, Rt. 202 to Rt. 78 Interchange - Madigan-Hyland
295	2E	7 Structures - Sherman, Taylor & Sleeper
295	2F	5 Structures - Sherman, Taylor & Sleeper
Hunterdon County		Covered Bridge over Wickecheoke Creek, Sergeantsville
Hunterdon County		New Bridge over Wickecheoke Creek, Sergeantsville

PROJECTS ADVERTISED FOR BIDS

17	3A&4A	U.P. at East Ridgewood Avenue - Bids 3/2/61
US22	14B	Widening of Liberty Ave. & LVRR Br. - Bids 2/16/61
US22	10A	U.P. at Relocated Mountain Ave. - Bids rec'd 1/19/61, Awarded to Hess Brothers, Inc., low bidder, 1/31/61
80	5G	Hackensack River Br.(Substructure) - Awarded to Conduit & Foundation Corporation, low bidder, 1/4/61.
95	1H	Viaduct over NRRofNJ & Concrete Flume - Bids rec'd 1/26/61; Poirier & McLane Corporation, low bidder.

PLANS SUBMITTED TO BUREAU OF PUBLIC ROADS

80	5H	Hackensack River Bridge (Superstr.Steel) - Parsons, etc.
287	3A	6 Structures, From Stelton Rd.to New Durham Rd. - Madigan-Hyland

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MONTHLY DIVISIONAL REPORT Month of January 1961

Division: Maintenance and Operations

Bureau: Electrical Operations

OPERATION

31 movable bridges, full time; 7 on 24 hour notice.

MAINTENANCE

1,020 traffic signals, 5 lane control systems, 885 illuminated signs, 38 movable bridges, 237 mobile radio units, 10 base stations.
Replacement, equipment knocked down, 38 locations.

CONSTRUCTION BY BUREAU FORCES

4 new traffic signals; 3 completed.
13 traffic signal revisions; 10 completed.

CONSTRUCTION BY CONTRACT

Highway lighting, Route I-287, Sections 1D and 2D, 0%.
Highway lighting, Route I-295, Sections 1F and 2H, 100%.
Traffic signals and lighting, Route U.S.130, Sections 7D and 10C, 0%.

DESIGN BY BUREAU FORCES

Highway lighting, Route I-80, Howard Boulevard to Route 46, 5% complete.
Highway lighting, Scudders Falls Bridge Approach, 50% complete.
Highway lighting, Route I-295, Route 42 Freeway to Route U.S.130, 50% complete.
Traffic signals 5, 2 partially complete.
0 field surveys and drawings for Bureau of Planning and Traffic.
Specifications prepared, FAS 1, State Aid 1.

DESIGN BY CONSULTANTS

Highway lighting, Route I-287, River Road - Route U.S.1, 35% complete.
Highway lighting, Route I-80 and I-85, Parkway to George Washington Bridge, 60% complete.
Highway lighting, Route I-80, West of Parkway, 74.3% complete.

INSPECTION

33 PUO relocations; 5 FAS projects; electrical work in 29 road construction projects.
1 prime electrical contract.

NEGOTIATIONS

4 traffic signals under negotiations; 3 complete.
8 field inspections and contacts with local officials, 2 on traffic signals.

CLAIMS

Payments received $14,711.14
Property damage claims set up, 26
Traffic signal cost-sharing claims set up, 4
Work Orders issued resulting in claims, 27

Signals under supervision; 3 complete.
Stations and controls with local officials, 2 or traffic signals.

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MONTHLY DIVISIONAL REPORT Month of January 1961.

Division: Right of Way Acquisition & Titles

Bureau: Title

TITLE SEARCHING

108 searches and 160 continuation searches were completed throughout the State.

TITLE EXAMINING

66 title searches were examined and Reports of Title prepared.

LEGAL INSTRUMENTS

102 Legal instruments were prepared and forwarded to the owners or their attorneys for execution.

CERTIFICATE OF TITLE

117 Certificates of Title were prepared and submitted to the Department of Law for approval.

SETTLEMENTS

111 final settlements were made with property owners.

CONDEMNATIONS

22 Title Memorandums were prepared and forwarded to the Department of Law. 121 condemnation notices were served.

TITLE COMPANIES

42 deeds were delivered through the offices of title companies.

51 checks were delivered to title companies with instructions for settlement with the owners.

Edward H. Drake
Title Officer

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MONTHLY DIVISIONAL REPORT Month of January 19 61

Division: Maintenance and Operations
Bureau: Maintenance

CONSTRUCTION OF MAJOR MISCELLANEOUS PROJECTS

Owing to inclement weather and the utilization of forces on snow removal and ice control operations, no construction work was started or completed during the month.

SNOW REMOVAL

We were confronted with a considerable amount of snowfall during the month and this, combined with the accumulation of snow remaining from the December blizzard, frigid weather and drifting, made it necessary to utilize the services of all available manpower and equipment to combat the elements. In most cases the highways were kept open with a minimum of tie-ups but some delays were caused by drifting and stalled vehicles. On January 25 Department officials and representatives met with municipal, county and other governmental agencies in the Newark area to discuss the matter of possible cooperation and coordination between the Department and the other governmental agencies in the metropolitan area. It is felt that much was accomplished by the meeting and that similar meetings should be scheduled at other locations in the State.

SIGNS AND LINES SECTION

Erected new type green directionary signs on Route 9, from Cheesequake to Absecon; on Route 206, from Princeton to Netcong, and on Route 166, from Toms River to Beachwood; all types of signs at Routes 1 and 18 in New Brunswick; detour signs on Route 47 at the Menantico Creek Bridge between Millville and Port Elizabeth; 270 "Bridge May Be Slippery" signs, and delineators on 6,000 feet of barrier curb on Route 73 in the Maple Shade area. Erected Service Connection Notices and passed out Notices Prior to Reconstruction in connection with construction projects on Route 22, Section 10A, Mountain Avenue, Bound Brook, and on Route 47, Section 10A, Armory Drive to Parvin Branch, Vineland.

LANDSCAPE SECTION

Except for the removal of 143 trees, the landscape forces were engaged in snow removal and ice control operations.

MATERIALS SECTION

Owing to extreme demands imposed on our stock piles of abrasives and chlorides, the Division of Purchase and Property approved of extending our present orders 100%, with the understanding that the extensions would be used only when and as required. The supply of abrasives ordered for winter of 1960-1961 has been delivered and used. 78% of the salt estimated for winter needs has been consumed.

PERMITS SECTION

Total of 221 applications processed, including 128 for road openings, 51 for the erection of poles, 32 for entrances, and 10 for miscellaneous projects.

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MONTHLY DIVISIONAL REPORT Month of January 1961

Division: Maintenance and Operations

Bureau: Maintenance

BRIDGE SECTION

Completed concrete repairs at Lockwood Street Ramp, Newark, and at Morses Creek on Route 1 at Linden. Hughes Steel Erection Company completed all work under its contracts for the installation of grid decks at the Shrewsbury River Bridge on Route 36 at Highlands and the Alloway Creek Bridge on Route 49 at Quinton, and started work on the installation of grid deck at the Menantico Creek Bridge on Route 47. Bridge painting forces completed painting work at Laboratory and Building 11 at Fernwood. Bridge forces also assisted in snow removal and ice control operations.

INSPECTION OF COMPLETED CONSTRUCTION PROJECTS

Inspected 3 construction projects preliminary to acceptance by the bureau, found 2 (Route 1, 9 and 46, Section 1B, and Route 18, Section #5) to be in satisfactory condition for acceptance, and one (Route 22, Section 1A) in need of corrective measures. Reinspected 8 projects previously found to be in unsatisfactory condition for acceptance, found 3 (Route 38, Section 1A and 2B; Route 30, Section 4A, and Route 15, Section #1) to be in satisfactory condition for acceptance; two semi-finals (Route 10, Section 4A, and Route 208, Section 3A) will be completed in the spring, and 3 (Route 1 and 9, Section #2; Route 4, Section 3A, and Route 80, Section 4A) to be in need of minor corrections and funds will be withheld pending corrective measures.

MAINTENANCE BUILDINGS AND STRUCTURES

Contract work completed on boiler replacement in Building 21 at Fernwood and make-up air heating system is being designed; final drawings and specifications prepared for installation of sprinkler system in Buildings 17 and 34 at Fernwood; drawings and specifications being prepared for water supply systems for maintenance yards at Manahawkin and Bridgeport; interior partitioning and new plumbing being installed in maintenance building on Route 69 at Flemington; installing new heating system in landscape maintenance headquarters on Route 35 at Belmar.

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MONTHLY DIVISIONAL REPORT Month of January 1961

Division: Maintenance & Operations
Bureau: of Plant & Equipment

NEW EQUIPMENT

The following new equipment was received by the Bureau during the month of January: 3, Model 2-1000-4 Mobil Street Sweepers; 1, Model F3-100 Poulan Chain Saw; 1, Williams ½ cu. yd. Clamshell Bucket; 16 Hydro Hydraulic Tailgate Spreaders; 1, Model SR300, Miller Arc Welder; 1, Model AEA200LE, Miller Combination Welder and 1, X-4 Geared Head Wrench.

SNOW SECTION

Repairs were made on 48 trucks and snow equipment. Repaired and painted 13 spreaders, 27 snow plows, 16 push-frames and 13 semi-circles. Repaired and straightened 21 moldboards and 18 pipe struts. Repaired 38 trip springs, 65 hydraulic rams, 12 hydraulic pumps, 22 spreader deflectors. Fabricated 1, 7' push-frame. Mounted one experimental snow plow and sent it to the Parkway. Fabricated and mounted one snow plow frame on a Chevrolet truck.

GENERAL REPAIR SHOPS

Safety lights, tail lights and driving lights were repaired and/or installed on 55 pieces of equipment. The Carburetor & Ignition Shop completed 99 operations. The Car & Truck Shop completed 35 major and minor repairs. The Insepction Section was constantly active with regular and special assignments. The Machine Shop completed a total of 200 major and minor repairs. The following operations were completed in the shops and on the road: Equipment Operations, 98 major and minor repairs; Heavy Equipment Shop, 30 major and minor repairs; Diesel Shop, 70 major and minor repairs.

BUILDING MAINTENANCE SECTION

The Building Maintenance Section completed the following work throughout the state:

Fernwood Service Station	Removed old lights and installed new spot lights in Welding Shop, repaired gas pump and installed new switch, overhauled cooling system and valves on main air compressor, repaired door and replaced door

	closer in Bldg. #1; replaced all night lights in Bldg. #1 and #1A; installed new reduction transformer in Bldg. #3; repaired rear door and track, replaced all cables and pulleys in Bldg. #7; repaired broken flexible return lines in Bldg. #8; finished chimney, worked on boiler room, painted three overhead doors with "woodlife" and one coat of primer, painted ceiling and walls, puttied all windows, painted steel sash in Bldg. #11; repaired motor on overhead door in Bldg. #17; installed new aluminum door and door jamb to damp room, relocated shop sink and water lines in testing room, plastered holes in walls prior to painting, replaced six windows on 2d floor, painted 2d floor rooms and hall in Bldg. #18; also installed drain trap to remove oil in Bldg. #18A; installed railing on side of loading pit, built new steps, landing and rail in stock room, painted boiler and boiler room, repaired lock on passage door (rear of bldg.) in Bldg. #20; built new block wall and installed fire door in boiler room Bldg. #21; serviced overhead doors, Bldg. #25.
Bogota Field Office	Replaced water lines.
Belmar Maintenance Yard	Installed septic system, erected and installed work bench.
Clinton Point Garage	Installed glass water gauge, repaired water feeder and made blow-down test on boiler, installed louvers in boiler room, installed window in men's room.
Hammonton Garage	Completed shelving, racks and battery storage bench.
Lodi Garage	Installed new transformer and nozzle cone on burner, serviced controls and cleaned boiler, wired water cooler and water heater.
Metuchen Field Office	Cleaned clogged sewer line, installed new controls on burner.
Netcong Garage	Installed new blower motor in heater, repaired oil burner unit.
Newark Garage	Repaired shylight and flashing.

January, 1951

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Robbinsville Maintenance Yard	Replaced door and door jamb, installed new lock new asbestos shingles on front of building.
Short Hills	Winterized house for Division of Right of Way.
Toms River Garage	Made blow-down test on boiler.
Vineland Garage	Erected plow edge storage rack, cleaned boilers and tubes.

Applied water treatment, serviced burner and boilers at the following installations: Metuchen and Bogota Field offices; Maintenance Yards located at Metuchen, Jersey City, Sand Hill, Flemington, Bridgeport and the following Department garages: Avenel, Branchville, Clinton Point, Dover, Hammonton, Lodi, Netcong, Newark, Toms River and Vineland.

CLAIMS

A total of $47.04 was collected during the month on insurance claims.

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MONTHLY DIVISIONAL REPORT Month of January 19 61

Division: Personnel
Bureau:

"MARCH OF DIMES CAMPAIGN"

The annual March of Dimes Campaign was in effect during the month of January. The Department was very successful this year collecting $634.60, practically $450.00 over last year's contribution. The Department also sold some 59 "Trip to Hawaii" chance books amounting to $295.00.

RECRUITMENT AND TRAINING

During the month of January two employments were made of young men as Assistant Engineers, Highway (Trainees): Harry Hersey, a graduate Civil Engineer from Brown University, and Jon D. Lake, a graduate of Michigan State University. Both of these men were started in the Orientation Training Program January 3, 1961 and will be available for regular duty in June 1961.

Follow-up visits to the Trenton office, as a result of invitations extended on campus, were made by the following young men who will graduate in June 1961.

John Giesel	-	Penn State University
Paul E. Heise	-	Penn State University
Peter Shelton	-	University of Delaware
John Swetizer	-	Lehigh University
John K. Mordas	-	University of Delaware
William S. Scarsborough	-	University of Delaware

Visits during February are scheduled for Rutgers University, Penn State University, Columbia University and Manhattan College.

Two more sessions of radiological monitoring training were held on January 24 and 25 in the Basement Conference Room, here at the Trenton central office. Instructors were Henry Bobo and Stanley Sikorski, Engineers of Roads, Construction Bureau; Joseph Sorento, State Aid Division, and George Rightmire, Safety Section, Personnel. Twenty-four employees attended the sessions and received twelve hours instruction in the care and use of radiological monitoring devices.

IN REPLY PLEASE REFER TO

Monthly Report
Division Planning,
Research, Soils
and Tests.

State of New Jersey
STATE HIGHWAY DEPARTMENT
DWIGHT R. G. PALMER, COMMISSIONER
TRENTON 25

February 2nd,1961

Commissioner Dwight R. G. Palmer:

Herewith are submitted the reports of this Division for the month of January 1961.

Planning & Traffic
Harry A. Hartmann
Assistant Supervising Engineer

Engineering Research
William VanBreemen
Research Engineer

Soils
Keith Rosser, Jr.,
Assistant District Engineer

Testing Laboratory
J. C. Reed
Supervising Engineer

Howard N. Rigby
Director and Chief Engineer
Division Planning, Research, Soils & Tests

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of January 1961

Division: Planning, Research, Soils and Tests
Bureau: Planning and Traffic

HIGHWAY USE SURVEY SECTION

Field

The regular programmed machine and manual counts are considerably disrupted this month because of heavy snow and extreme cold.

Office

The normal functions of processing and reviewing field counts have been resumed.

TRAFFIC DESIGN AND RESEARCH SECTION

During this period the major work items for this section were the continuation of the review of cross-street volume estimates for the 104(b) 5 study; the continuation of basic analytical research into traffic signal synchronization; and estimation of traffic volumes for several projects in the construction program. Other items were the beginning of a study of the effect of barrier center islands on accident rates; and the updating of registrations and population trend curves.

HIGHWAY TRAFFIC OPERATIONS SECTION

During this period the Highway Traffic Operations Section has received, investigated and processed requests for the installation, revamping, retiming and operation of traffic signals; has received and processed miscellaneous traffic investigations; has checked the timing and operations of signallized intersections.

TRAFFIC SAFETY, CONTROL AND REGULATION SECTION

The assignments under way in this section consisted of radar speed meter surveys for speed zone studies, laying out and processing "no parking" regulations, making traffic investigations and parking studies, preparing and processing other traffic regulations and coordinating Departmental review of riparian rights.

HIGHWAY PLANNING SURVEY SECTION

Road Inventory

Field work has been suspended due to lack of personnel.

Road Mileage Statistics

Preparation of the 1960 S.M. Report is now under way.

Mapping

The General Highway Series Maps are being revised and urban area enlargements are being prepared by our drafting section.

Data

The data processed machine and manual counts are considerably affected by the occurrence of heavy snow and extreme cold.

Action

The normal functions of processing and reviewing field counts have been resumed.

TRAFFIC VOLUME AND RESEARCH SECTION

During this period the major work items for this section were the continuation of the review of mean-street volume estimates for the 10%(b) 5 study; the continuation of basic analytical research into traffic signal synchronization; and estimation of traffic volumes for several projects in the construction program. Other items were the beginning of a study of the effect of barrier median openings on accident rates; and the updating of relocations and population trend data.

HIGHWAY TRAFFIC OPERATIONS SECTION

During this period the Highway Traffic Operations Section has received, investigated and processed requests for the installation, removal, or modification of traffic signals; has received and processed miscellaneous traffic investigations; has checked the timing and operations of signalized intersections.

TRAFFIC ASSIST, PARKING AND REGULATION SECTION

The parking meter survey in this section consisted of taking speed data at the speed zone signs. Laying out and processing the parking regulations, making traffic investigations and writing staff, preparing and processing minor traffic regulations and corresponding Supervisorial trials of violation slips.

HIGHWAY PLANNING DIVISION

Data Processing

This work has been suspended for the time at present.

Miscellaneous Activities

Preparation of the 1961 U.S. Census is now under way.

Studies

The General Highway Data may being revised and some new maintenance are being processed by the drafting section.

Planning, Research, Soils and Tests
Planning and Traffic

Auditing and Accounting

A recapitulation of the field data is now being made for the 1959 Local Road Finance Reports.

Highway Defense Requirements

The Bridge Records are being up-dated to December 31, 1960.

PENN-JERSEY TRANSPORTATION STUDY

Field Work

The collection of data in the field has been completed and the three field offices which have been in operation in the New Jersey area are being closed as of the end of January.

A budget to cover expenditures for a twenty month period starting January 1961 and the set up of a survey staff for the continuing study was prepared by the Executive director and submitted to the Policy Committee under date of December 15, 1960.

At the request of the Policy Committee the above budget was revised to cover the above twenty month period and to exclude the continuing phase work. This was submitted in a memo of January 6, 1961. The latter budget greatly exceded the December 15th budget and a special meeting of State and Bureau of Public Road officials was called in Harrisburg to review and discuss the possibility of making drastic reductions in the latter budget. It was decided this entire budget subject would be acted upon in the Policy Committee meeting of January 27, 1961. However, this meeting had been cancelled due to a snowstorm.

ADDITIONAL STUDIES

Newark Transportation Study

The consultants have been working on the development of both the highway and mass transit system layouts for Newark. A meeting was held in the office of the State Highway Department on January 25, 1961, attended by representatives of the Highway Department, Bureau of Public Roads, the consultants and the city of Newark, and the Essex County Engineer, at which time, a study plan for major highway and major street improvements was reviewed and discussed. A copy of the minutes of this meeting will be forwarded to the Commissioners office.

Northeastern New Jersey Transportation Study

The prepared agreement for the Northeastern New Jersey Transportation Study has been submitted to the various offices of the Bureau of Public Roads. We are now awaiting the comments of the Washington office.

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MONTHLY DIVISIONAL REPORT Month of January 19 61

Division: Planning, Research, Soils and Tests

Bureau: Engineering Research

PAVEMENTS

In collaboration with Soils Bureau, spent considerable time in connection with development of pavement designs for various projects. Submitted pavement recommendations for (a) Route 38, Section 9B, Airport Circle to Haddonfield Road, (b) Route 23, Section 15B, vicinity of High Point, (c) Route 71, Bradley Beach, (d) Junction of Route FAI 287 and Route 1, and (e) Route 1, P.R.R. to Route 130. Also made investigations and studies, as related to pavement recommendations, for (a) Route 46, intersection improvement at Clinton St. and Plymouth Road, between Troy Hills and Singac, (b) Route 9, Alpine, (c) Route 287, Somerville, and (d) Route 9, Freehold.

Took measurements at experimental joints on Route 22 (Route 28, Section 24B), vicinity of Whitehouse.

Made condition survey of bituminous resurfacing on Route 1, Trenton to Deans, especially to determine degree of differential frost-heaving between lanes. Practically no action of this kind was found. However, considerable reflection cracking over both the transverse and longitudinal joints was observed. It is believed that these cracks should be sealed as soon as possible, to prevent serious ravelling and deterioration of the bituminous resurfacing adjacent thereto.

Took gauge-plug measurements along longitudinal joint between lanes of concrete pavement on Route 46, between Hackettstown and Drakestown. These measurements show that the tie bars installed in conjunction with this pavement, constructed in 1955, have thus far prevented any appreciable opening of the longitudinal joint.

Made inspection of bituminous pavement on Route 22, between C.R.R. underpass and FAI 78, vicinity of Bloomsbury, and took cross-section in area which appeared to be uneven. Very little evidence of rutting was found. In general, with the exception of two small depressed and patched areas in the outside eastbound lane, this pavement was found to be still in very good condition. It will be inspected again, when thawing occurs.

Participated in further studies and conferences in connection with investigation of serious rutting of bituminous pavement (constructed with 6-inch bituminous-stabilized gravel base, in 1958 and 1959) on Route 73, Palmyra Bridge to Route 130. It is anticipated that a report will be submitted in the near future.

BRIDGES

In line with continuing program to detect any serious malfunctioning, which has occurred in the past, took measurements in connection with the following bridges: (a) Inland Waterway, Point Pleasant, (b) Inland Waterway, Lovelandtown, (c) Beach Thorofare, Route 30, (d) Rancocas Creek, Route 130,

(e) Passaic River, Route 3, (f) Cheesequake Creek, Route 35, (g) Manasquan River, Route 35, (h) Raccoon Creek, Route 130, (i) Edison, Perth Amboy, and (j) Victory, Perth Amboy. Reported verbally to Bridge Division regarding significant changes recorded in connection with Raccoon Creek Bridge and Edison Bridge. Also took measurements on miscellaneous bridges on FAI 295, to determine general behavior.

MISCELLANEOUS

Representative of Bureau attended Annual Meeting of the Highway Research Board, in Washington, D.C., and submitted report thereon.

Arranged for experimental installation of joint-sealing compound manufactured by the Sta-Best Corporation , in connection with new concrete pavement to be constructed this spring on Route FAI 78, vicinity of Jugtown Mountain.

[illegible] as of January [illegible]

[illegible]

[illegible] was asked for a recommendation in regard to the elimination [illegible] on Route 35 between Zone 2, Oneida Heights to Point Pleasant. It is [illegible] that a property owner is in the process of acquiring riparian [illegible] Barnegat Bay adjacent to our proposed roadway in the vicinity of [illegible] 2211 which be intended to fill in and retain with a bulkhead [illegible] of our proposed roadway. He, therefore, suggests that we [illegible] from our surplus roadway excavation in lieu of the [illegible]. It would reduce the amount of soil the land owner would need to [illegible] property above water and would eliminate the expense to the [illegible] fronting a portion of the bulkhead.

[illegible] tion to the District Engineer of Design, we prescribed [illegible] from 2:1 to 1:1. Such steep under water slopes are disturbed [illegible] by of an existing channel. It was explained that the stability [illegible] will not be permanent and that it is imperative that the property [illegible] bulkhead constructed within six months.

[illegible] of the Ishpeming Division, we are currently awarding in an [illegible] to ascertain the reasons for "caking" of rock salt used for de-icing [illegible] are presently visiting maintenance yards throughout the State [illegible] delivery of a shipment of salt as possible and determining the [illegible] on the spot. This is accomplished by means of our "Speedy [illegible]", the Soils Bureau for rapid field moisture determin-[illegible].

[illegible] tion appear to be that the salt is being delivered in a [illegible] condition with regard to moisture.

[illegible] Zone 2 refill in the wet excavation area of MA Route 25E Section 1C [illegible] to an elevation above water level. The contractor has now [illegible] Bridge Foundation Borrow Excavation by truck from an upland [illegible], to date, appears to be satisfactory.

[illegible] have been made through approximately two thirds of the Zone 2 [illegible] in place and will shortly be continued through the remaining [illegible].

[illegible] on the MA Route 9E Section 1A Sand drain project has come to an [illegible] halt. Brewster's pump shut down on January 23. These sand [illegible] ridge shut down on January 14, 25 and 27 respectively. Only [illegible] operation. It is our understanding that Long Island Sound [illegible] that material can therefore not be barged in from that source.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of January 1961

Division: Planning, Research, Soils & Tests

Bureau: Testing and Materials

MATERIALS' DEVELOPMENT

Quality control tests were started on gravels from two sources. Under Laboratory Investigation 1960-9, Protective Coating - White, work continues on a product manufactured by the West Chester Chemical Company, at the request of the Bridge Division. Specialized anchor bolts were tested for the Department's Research Engineer. Wire rope from four manufacturers were tested for compliance with Federal Specification RR-W-410a. Preliminary test slabs and mortar cubes were made for work in the development of a concrete curing agent - surface sealer for sulphate resistance. Sixteen cores taken from a Federal Aid project were tested for specific gravity, void content, recovery of bitumen, analysis as to composition, Marshall stability and flow. Work was begun on alternate materials specifications for Dix Seal - Projects Division.

PERFORMANCE TESTING AND INSPECTION

Two reflectorized plates, representative of plates currently in use on State cars and trucks, under Accelerated Weathering Test for 600 and 1200 hours to determine their durability with respect to deterioration and discoloration, have been exposed to 300 hours to date. Under Laboratory Investigation 1956-5, Highway Ice Control, samples of Rock Salt were secured from the Sebolt Company, analyzed and reported. Two samples of Cement were tested as part of the cooperative testing program with the Cement Reference Laboratory of the National Bureau of Standards. Thermo-Plastic Traffic Lines applied as a test at expense of the Koppers Company, on skip lines and crosswalk lines on Route U.S. 130 and Route 168 near Collingswood, were evaluated for road performance after five months of service. Inspection was made on one project prior to the release of the Maintenance Bond.

PERSONNEL

Three Assistant Engineer, Highway (Trainees) were given Laboratory instructional course. An Assistant Engineer was transferred from the Non-Bituminous Field Inspection Section to the Bituminous Field Inspection Section. Two potential trainees visited the Laboratory for consultation and an introductory tour.

MEETINGS

Laboratory representatives attended annual meeting of Highway Research Board as members of established committees. Laboratory was represented at the Planning Committee meeting held at Rutgers University for the Fourth New Jersey Asphalt Paving Conference.

SAMPLES RECEIVED

During this month, 743 samples were received for test as compared with 696 samples received for the corresponding period of 1960.

JCR:AM 2-2-61.

Planning, Research, Design & Tests

Testing and Materials

Quality control tests were started on gravels from two sources. Under a research investigation THPC-Y, "Asphalt - Cotton - Fiber, and Cement - Fiber" a product manufactured by the Meat Cheater Chemical Company, at the request of the Bridge Division. Specialized anchor bolts were tested for the Department's Research Engineer. Wire rope from four manufacturers were tested for compliance with Federal Specification RR-W-410a. Pre-liminary test slabs and mortar cubes were made for work in the development of a concrete curing agent - surface sealer for airplane runways.
Cores taken from a Federal Aid project were tested for specific gravity, void content, recovery of bitumen, analysis as to composition, and stability at 77°F. Work was begun on different mixtures for Dix Seal - Projects Division.

Electrified plates, representative of plates currently in use on [illegible] and cracks, under [illegible] were tested to [illegible] - ation 1956-57, Highway Ice Control, samples of Rock Salt were secured from the Sebolt Company, analyzed and reported. Two samples of Cement were tested as part of the coop rative testing program with the Cement Reference Laboratory of the National Bureau of Standards. Thermo-Plastic Traffic Paint was applied as a test at exposure of the Rogers Company, on skid lines and [illegible] lines on [illegible] Rt. 137 and [illegible] Rt. 547 [illegible], were [illegible] for road reference after CRW [illegible].

[illegible]

Two Assistant Engineer, Highway (Trainees) were given Laboratory instructional course. An Assistant Engineer was transferred from the Non-Destructive Field Inspection Section to the Bituminous Field Inspection Section. Two potential trainees visited the Laboratory for consultation and an introductory tour.

[illegible]

Laboratory representative attended annual meeting of Highway Research Board as members of established committees. Laboratory was represented at the Planning Committee meeting held at Rutgers University for the Fourth [illegible].

[illegible]

During this month, 713 samples were received for test as compared with [illegible] samples received for the corresponding period of 1960.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of January 1961

Division: RIGHT OF WAY ACQUISITION & TITLES
Bureau: Appraisals & Negotiations

The Division of Roads transmitted agreement forms covering 166 parcels, of which 14 were revisions.

GENERAL PROPERTY PARCEL MAPS

3 General Property Parcel Maps were approved and negotiations authorized

APPRAISALS, NEGOTIATIONS, CONDEMNATIONS, ETC.

A total of 136 items were presented to the Commissioner for action, including:

95 Agreements
30 Condemnations
4 Awards
1 Judgment
3 Previous actions rescinded. Parcels to be eliminated
1 Demolition contract awarded
1 Deed of Conveyance approved
1 Payment of interest approved

APPRAISAL ORDERS APPROVED

59 Appraisal Orders were approved with outside fee appraisers for a total of $25,450.

John A. Whitehead

MB:ek

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of January 1961

Division: Right of Way Acquisitions & Titles
Bureau: Legal

I. STATISTICAL

Papers drawn in January

Condemnation

Complaints - 21
Orders to Show Cause - 21
Orders for Possession - 8
Orders of Continuance - 5
Order Appointing Guardian Ad Litem - 1
Orders for Judgment and Appointing Commissioners - 9
Orders of Dismissal - 2
Orders Extending Time for Filing Report of Commissioners 21
Reports of Commissioners - 2
Orders Granting Compensation to Commissioners - 2
Petitions to Pay Condemnation Award Into Court - 2
Orders to Pay Condemnation Award Into Court - 2
Notice of Motion for New Trial - 1
Notices of Appeal - 3
Judgments - 6

Miscellaneous

Notice of Motion on Pleadings on Behalf of Defendant - 1

Number of Deeds Approved - 100
Number of Titles Approved - 117

Court Appearances - 59

II. GENERAL ACTIVITIES

Court appearances appointment of condemnation commissioners; various motions; hearings before condemnation commissioners; trials; preparation for court appearances; preparing legal briefs and memoranda; conferences in re same; conferences with various Deputy Attorneys General.

The number of condemnation cases started in January, 1961 was 21 against 7 in January, 1960.

As of January 24, 1961, there were 125 condemnation cases pending. Some of the newer ones involve several hundred thousand dollars and damages in each case.

Number of Deeds Approved - 103
Number of Titles Approved - 117

III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving, disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial preparation; brief writing and similar services.

IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.

WJM/mmd

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of January 1961

Division: Roads, Design and Construction

Bureau: Federal Aid Secondary

PLANS

Checking plans for the following projects:

Kiel Avenue, Morris County, S97(7)
Boonton Turnpike, Morris County, S186(3)
Vine Street Bridge & Approaches, Cumberland County, S199(2)
River Street, Bergen County, S200(2)
Gooseneck Bridge, Monmouth County, S235(1)

PREPARING SPECIFICATIONS

River Street, Bergen County, S200(2)
Vine Street Bridge & Approaches, Cumberland County, S199(2)
Gooseneck Bridge, Monmouth County, S235(1)

PROJECTS ADVERTISED

None

BIDS RECEIVED

None

CONTRACTS AWARDED

None

PROJECTS ACCEPTED AS COMPLETE

None

MISCELLANEOUS

Reviewing plans for proposed construction as requested by various Counties, checking As Built Plans for Final Payments, preparing Final Estimates, etc., on completed projects. Also preparing Final Vouchers on completed projects, making Final Inspections, etc.. Received Final Payment form Federal Government on F. A. S. Projects.

construction as requested by various Counties, Final Payments, preparing Final Estimates, etc., as preparing Final Vouchers on completed projects, Received Final Payment from Federal Govern-

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of JANUARY 1961

Division: Roads, Design & Construction

Bureau: Location & Design

FEDERAL AID

Programming of U-95(47) Item 241 - Rt. US 1 S. Main St. Interchange (utility); U-95(48) Item 242 - Rt.US 1 S. Main St. Interchange (constr.); I-287-3(5) Item 99 - Parsippany Blvd. N. to Boonton-Montville line; I-287-3(6) Item 100 - Intervale Road W. to Vreeland Avenue.

OFFICE ENGINEER

Processing Plans and Specifications for Rt. 4 (1953) Sec. 2A, Hackensack Ave Ramps; Rt. 7 (1953) Sec. 1A from Passaic River to Rt. 17; Rt. 7 (1953) Sec. 2A Second River to Centre St.; Rt. 18 (1953) Sec. 1A from N.J. Turnpike to Milltown Road; Rt. US 22 (1953) Sec. 13B Meisal Ave. to Michigan Ave.; Rt. 27 (1953) Sec. 3A Stillwell Road and Route 27, Drainage; Rt. US 46 (1953) Sec. 10A, Intersection Improvements, Baldwin Road and Beverwyck Road; Rt. 50 (1953) Sec. 1A and 2A Cedar Swamp Bridge Creek and Approaches; Rt. 80 Sec. 5N from Route 17 to Green St.; Rts. US 130 and 206 (1953) Sec. 1A, Interchange at Bordentown; Rt. 208 (1953) Sec. 2B from Colonial Road to Ramapo Valley Road; Rt. 287 Sec. 3A, Stelton Rd. to New Durham Rd.; Rt. 287 Sec. 3C, Whitman Ave to Rt. US 1; Rt.287 Sec. 12A & 13A Intervale Road Road to Vreeland Ave.,Parsippany Troy Hills,Boonton; Glassboro State College, Parking Area; Rutgers University, Parking and Service area.

INTERSTATE

Rt. I-80, Sec. 1 - Columbia to Netcong - studies of alignment continued and report made and sent to Bur. of Public Roads, meeting to be held; Rt. I-80-2 - Remaining sections all under construction; Rt. I-80, Sec. 3 - Denville to Wayne - alignment under design throughout; I-80, Sec. 4 - Wayne to Garden State Parkway - Interchange at Rt. 23 under design. Project plans for 1960-61 Program Item in Paterson submitted for pre-final review; I-80, Sec. 5 - Garden State Parkway to Geo. Washington Bridge - five contracts under construction, next project to follow, Route 17 Interchange which is ready for final processing. Two additional projects west of Rt. 17 to be processed Feb. 15 and Mar. 15 respectively; Rt. I-95, Sec. 1 - Rt. I-80 to US 46 Ridgefield Park - contract plans for sand drain project started. To be ready about Apr. 1st; I-78, Sec. 5 - Berkeley Heights to Newark Airport - additional design studies made and submitted for approvals.

of U-95(47) Item 241 - Rt. 03 1 S. Main St. Inver-
ity); U-95(48) Item 242 - Rt.03 1 S. Main St. Inte-
(constr.); I-287-3(5) Item 99 - Parsippany Blvd. N. to
-Montville Line; I-287-3(6) Item 100 - Inderwale Road W.
land Avenue.

Lane and Specifications for Rt. 4 (1953) Sec. 2A,
Ave Ramps; Rt. 7 (1953) Sec. 1A from Passaic River
Ln. 177; . 7 (1953) Sec. 2A Second River to Centre St.;
. 1) Sec. 1A from R.J. Turnpike to Millburn Road;
. 1953) Sec. 13B Belgal Ave. to Michigan Ave.;
. 17 Sec. 3A Stillwell Road and Route 27, Preinage;
. 1953) Sec. 10A, Intersection Improvements, Baldwin
Beverwyck Road; Rt. 50 (1953) Sec. 1A and 2A Cedar
ide Creek and Approaches; Rt. 80 Sec. 5W from Route 17
n St.; Rte. 03 130 and 206 (1953) Sec. 1A, Interchange at
ntown; Rt. 208 (1953) Sec. 2B from Colonial Road to Harmo
oad; Rt. 287 Sec. 3A, Skelton Rd. to New Durham Rd.;
. Sec. 3C, Whitman Ave to Rt. 03 1; Rt.287 Sec. 12A & 13A
bservale Road to Vreeland Ave.,Parsippany Troy Hills,Boonton;
Service area.

I-, Sec. 1 - Columbia to Netcong - studies of alignment
and report made and sent to Bur. of Public Roads,
be held; Rt. I-80-2 - Remaining sections all under
tion; Rt. I-80, Sec. 3 - Denville to Wayne - alignment
through tnrough; I-80, Sec. 4 - Wayne to Garden State
- Interchange at Rt. 23 under design. Project ahead for
-al Program Item in Peterson submitted for pre-final review;
. 5 - Garden State Parkway to Geo. Washington Bridge -
sts under construction, next project to follow, Route 17
which is ready for final processing. Two additional
ment of Rt. 17 to be processed Sec. 15 and Bar. 15
ively; Rt. I-95, Sec. 1 - Rt. I-80 to US 46 Ridgefield
- contract plans for sand drain project started. To be
about Apr. Int; I-78, Sec. 5 - Berkeley Heights to Newark
- additional design studies made and submitted for approval.

INTERSTATE (Con't.)

I-287, Sec. 12 & 13 - Boonton (1960-61 Item) ROW plans and agreements completed, submitted to persons concerned. Construction plans completed and submitted for final review; I-78 - Pluckemin to Berkeley Heights - Project to be split into 7construction contracts; Rt. 295 - Deepwater to Bridgeport - reviewed by Department and Bureau of Public Roads.

MISCELLANEOUS

Route 24 Freeway - completion of ROW plans advancing. Further studies of interchanges underway; Route 3, Sec. 2 - Secaucus - geometrics completed and all d esigns completed - all approved. ROW plans in Secaucus nearing completion; Rt. 17, Sec. 7 - Linwood Ave - 1960-61 Item - geometric studies underway; Rt. 208, Sec. 1 - Morlot Ave - 1960-61 Item - studies completed. Design underway. Surveys underway; Rt. 208, Sec. 4 - Colonial Rd. to Oakland - all plans in Trenton and under processing. All programmed 1960-61 well advanced; Rt. US 1 Woodbridge Ave. Grade Separation - preliminary ROW plans submitted by consultants; Rt. 69-202 - Ringoes to Flemington - reviewed by Department prior to submission to Bureau of Public Roads; Rt. 18 - Milltown Rd. & Cranbury Turnpike - being reviewed by Department.

Form #AD-39

MONTHLY DIVISIONAL REPORT

Month of January 1961

Division: Design & Construction

Bureau: Road Construction

ROUTE	SECTION	LOCATION	PERCENTAGE COMPLETED Jan. 1st.61	Feb. 1st.61
1 & 9	6A & 7A	Tonnele Ave. Traffic Circle to Fairview Avenue	68%	68%
9	12A & 13A	Drainage in the Cities of Linwood and Pleasantville	33%	56%
10	4B & 5A	Livingston Circle to Teed Road, Grading and Drainage	7%	10%
17	5B & 6A	Center Island Closing & Channelization, Borough of Ramsey	95%	95%
18	2	Clifton Avenue to New Jersey Turnpike	97%	97%
20	4-A	South Drive to Broadway, Paving and Bridges	92%	92%
21	1-B	Roosevelt Avenue to Highfield Lane	94%	94%
21	1-C	From Highfield Lane to So. Parkway, Grading, Paving & Br.	76%	77%
28	1A & 7A	Colidge Place to Bridge St. R.R. Bridge Reconstruction	30%	30%
28	3A & 4A	From East St. to Lincoln Ave., Widening, Resurf. & Br.	10%	13%
29	15-A)	Wilburth Road to Scudders Falls		
129	1-A)	Delaware River Bridge to Scotch Road	73%	73%
35	2-A	Eisenhower Ave. to Curtis Point Drive, Paving & Grading	6%	11%
35	6A & 4A	From 1500' No. of Eatontown Traffic Circle, Widening	94%	94%
36	5-A	From Route 35 Traffic Circle to Oceanport Avenue		6%
40	2-A	From County Road 540 to Route 48, Dualization and Bridge	11%	14%
69	5-A	From Back Brook to Rocktown, Pavement Widening & Resurf.	37%	37%
73	2-A	So. Branch Pennsauken Creek to Route 38	86%	86%
78	2-J	From C.R. of New Jersey to Mulhockaway Creek, Paving	4%	4%
78	5-C	Demolition of Buildings, Troy Village	20%	48%
80	1B & 2L	Route U.S. 46 to Landing Road Interchange	2%	3%
80	2-E	Route U.S. 46 to Landing St. Bridge & Incidental Paving	98%	98%
80	2-H	Landing Road Interchange to Howard Blvd., Grading & Paving	47%	47%
80	2-J	U.S. 46 to Route 53, Grading, Paving and Bridges	23%	28%
80	4-B	Slaughterdam Rd. to Chobot Lane - Demolition of Buildings	8%	35%
80-S	1 &)	U.S. 130 to Browning Road and Route 80-S Interchange to		
295	2-G)	Copley Road	96%	98%
82	1-A	L.V.R.R. Bridge and Pavement Reconstruction	65%	65%
95	1-A	Teaneck Creek to Northern R.R. of New Jersey	6%	12%
95	1-C	From Teaneck R.R. to Teaneck Creek	60%	74%
95	1-D	Overpass Bridge at Broad Avenue and Grand Avenue	45%	51%
95	1-E	Teaneck Road to Route 4, Grading, Drainage and Bridge	0.32%	0.54%
130	7A & 8B	From Interchange at Route 73 Township of Pennsauken	60%	61%
169	1	Constable Hook to Point Breeze	84%	84%
202	8-A	Dualization So. Br. Raritan River to Beechwood Drive	23%	23%
208	2-A Etc.	Interchanges Borough of Franklin Lakes	90%	91%
287	1-B	Interchange to Viaduct at Lehigh Valley Railroad	78%	79%
287	1C & 2B	Weston Canal Road to River Road Interchange	94%	94%
287	2-C	East of River Road to Stelton Road, Grading, Paving & Br.	8%	12%
295	1-C	Browning Lane to Broadway, Grading, Paving & Bridges	78%	80%
295	1-D	Route 47 to Route U.S. 130, Grading, Paving and Bridges	95%	96%
322	3-A	From 8th Street to Weymouth Road, Dualization	15%	18%
440	2-A	Clendenny Ave., to Danforth Avenue, Paving Widening	39%	41%

CONTRACTS AWARDED IN JANUARY

Route 47, Section 10-A - Drainage Improvements. Awarded to Sheer Brothers, Inc. on January 4, 1961.

Route 80, Section 5-G - Hackensack River Bridge Substructure, Grading, Drainage and Incidental Work. Awarded to The Conduit & Foundation Corp. on January 4, 1961.

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of January 1961

Division: Design & Construction
Bureau: Road Construction

CONTRACTS ACCEPTED IN JANUARY

Route 78, Section 2-E, From C.R.R. of N. J. to Mulhockaway Creek, Grading, Bridges and Incidental Paving. Accepted January 9, 1961.

Route 322, Section 1, From Weymouth Road to Route 50, Dualization. Accepted January 9, 1961.

Route U.S. 1, Section 3, Widening and Resurfacing, Alexander Road to State Police Barracks. Accepted January 9, 1961.

Route 202, Sec. 7A, 2A, 3A & 4A, Planting. Accepted January 9, 1961

Route U.S. 1(1953) Sections 4D & 5C, Resurfacing Stouts Lane to Cozzens Lane. Accepted January 16, 1961.

Route 38, Section 1A & 2A, Dualization Church Road to Marter Avenue. Accepted January 13, 1961.

Route 10, Section 3-A, From Newark & Mt. Pleasant Turnpike to Route 53. Accepted January 19, 1961.

Route 10, Section 4-A - Livingston Traffic Circle to Whippany Troy Hills Road. Accepted January 25, 1961.

Route 23, Sections 1A & 2A, Claremont Avenue to Route 46. Accepted January 25, 1961.

Route 12, Section 1-A, Pavement Reconstruction. Accepted January 30, 1961.

GENERAL NOTES

As of February 1, 1961, there were 46 projects underway, valued at $100,139,000. and being inspected by 174 men.

E. Y. Corson

E. Y. Corson
Supervising Engineer, Bureau of Road Construction

MONTHLY DIVISIONAL REPORT Month of January 1951

Division
Name

1. [illegible]
2. [illegible]
3. Iron Weymouth Road to Route 57, Duplication. Accepted January [illegible]
4. [illegible]
5. Widening and Resurfacing, Alexander Road to State Police [illegible] January 9, 1951.
6. [illegible]
7. Sections 1D & 2D, Resurfacing Route Iona to Somers Town. Accepted [illegible] 1951.
8. Section 1A & 2A, Duplication Huron Road to Winter Avenue. Accepted January [illegible]
9. [illegible]
10. From Keswick 3 1/4, Pleasant Turnpike to Route 17. Accepted [illegible]
11. [illegible]
12. 1-A - Livingston Traffic Circle to Whippany Troy Hills Road. [illegible] 1951.
13. [illegible]
14. Sections 1A & 2A, Claremont Avenue to Route 46. Accepted January 25, 1951.
15. [illegible]

During [illegible] 1951, there were 16 projects underway, valued at $1,039,139,000. Of this amount, 37.1% was [illegible]

Form #AD-39

MONTHLY DIVISIONAL REPORT Month of January 19 61

Division: State Aid

Bureau:

GENERAL:

Heavy snow and extreme cold has effectively stopped construction and limited maintenance work to snow removal and ice control. Signs are beginning to appear that indicate severe winter will cause unusual damage to secondary roads.

COUNTY AID:

Collections and evaluation of information on which to base 1961 Programs has been underway. One 1961 Program and 7 certificates covering 1960 expenditures were received during month.

12 items requiring office processing were received, processing was completed on 3 items.

MUNICIPAL AID:

Municipal forces doing practically no road work except in case of snow and ice. 385 items requiring office processing were received, processing was completed on 351 items.

PERSONNEL:

Winter months being use by field inspection personnel for vacation and XP time off. 38 men are on loan to other division.

12 items requiring office processing were received, processing was completed on 3 items.

principal forces using practically no road work except in case of snow and ice. 39% items requiring office processing were received, processing was completed on 37% items.

winter months being use by field inspection personnel for vacation and XP time off. 34 men are on loan to other division.

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